

1. An organic azide compound having the formula:



wherein Ar is an aromatic or a heteroaromatic radical derived from
the group consisting of benzenes, polyfluorobenzenes, naphthalenes,
naphthoquinones, anthracenes, anthraquinones, phenanthrenes, tetracenes,
naphthacenediones, pyridines, quinolines, isoquinolines, indoles, isoindoles,
5 pyrroles, imidazoles, pyrazoles, pyrazines, purines, benzimidazoles,
benzofurans, dibenzofurans, carbazoles, acridines, acridones,
phenanthridines, thiophenes, benzothiophenes, dibenzothiophenes,
xanthenes, xanthones, flavones, coumarins, and anthacylines;

E is selected from the group consisting of hydrogen, somatostatin
10 receptor binding molecules, ST receptor binding molecules, neurotensin receptor
binding molecules, bombesin receptor binding molecules, CCK receptor binding
molecules, steroid receptor binding molecules, and carbohydrate receptor
binding molecules;

L is selected from the group consisting of $-(CH_2)_a-$, $-(CH_2)_bCONR^1-$,
15 $-N(R^2)CO(CH_2)_c-$, $-OCO(CH_2)_d-$, $-(CH_2)_eCO_2-$, $-OCONH-$, $-OCO_2-$, $-HNCONH-$, $-$
 $HNCNH-$, $-HNNHCO-$, $-OSO_2-$, $-NR^3(CH_2)_fCONR^4-$, $-CONR^5(CH_2)_gNR^6CO-$, and
 $-NR^7CO(CH_2)_hCONR^8-$;

X is either a single bond or is selected from the group

consisting of $-(CH_2)_n-$, $-OCO-$, $-HNCO-$, $-(CH_2)_iCO-$, and $-(CH_2)_jOCO-$;

R¹ to R⁸ are independently selected from the group consisting of hydrogen, C1-C10 alkyl, -OH, C1-C10 polyhydroxyalkyl, C1-C10 alkoxy, C1-C10 alkoxyalkyl, -SO₃H, -(CH₂)_kCO₂H, and -(CH₂)_jNR⁹R¹⁰;

5 R⁹ and R¹⁰ are independently selected from the group consisting of hydrogen, C1-C10 alkyl, C5-C10 aryl, and C1-C10 polyhydroxyalkyl; and

a to l independently range from 0 to 10.

11. A method of performing a phototherapeutic procedure which comprises:

(a) administering to a target tissue in an animal an effective amount of an organic azide photosensitizer having the formula



Br
wherein Ar is an aromatic or a heteroaromatic radical derived from the group consisting of benzenes, polyfluorobenzenes, naphthalenes, naphthoquinones, anthracenes, anthraquinones, phenanthrenes, tetracenes, naphthacenediones, 10 pyridines, quinolines, isoquinolines, indoles, isoindoles, pyrroles, imidazoles, pyrazoles, pyrazines, purines, benzimidazoles, benzofurans, dibenzofurans,

carbazoles, acridines, acridones, phenanthridines, thiophenes, benzothiophenes, dibenzothiophenes, xanthenes, xanthones, flavones, coumarins, and anthacylines; E is a hydrogen atom or is selected from the group consisting of

- 5 somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules, bombesin receptor binding molecules, CCK receptor binding molecules, steroid receptor binding molecules, and carbohydrate receptor binding molecules; L is selected from the group consisting of $-(CH_2)_a-$, $-(CH_2)_bCONR^1-$, $-N(R^2)CO(CH_2)_c-$, $-OCO(CH_2)_d-$, $-(CH_2)_eCO_2-$, $-OCONH-$, $-OCO_2-$, $-HNCONH-$, $-HNCSNH-$, $-HNNHCO-$, $-OSO_2-$, $-NR^3(CH_2)_eCONR^4-$, $-CONR^5(CH_2)_fNR^6CO-$, and $-NR^7CO(CH_2)_gCONR^8-$; X is either a single bond or is selected from the group consisting of $-(CH_2)_h-$, $-OCO-$, $-HNCO-$, $-(CH_2)_iCO-$, and $-(CH_2)_jOCO-$; R¹ to R⁸ are independently selected from the group consisting of hydrogen, C1-C10 alkyl, -OH, C1-C10 polyhydroxyalkyl, C1-C10 alkoxy, C1-C10 alkoxyalkyl, -SO₃H, $-(CH_2)_kCO_2H$, and $-(CH_2)_lNR^9R^{10}$; R⁹ and R¹⁰ are independently selected from the group consisting of hydrogen, C1-C10 alkyl, C5-C10 aryl, and C1-C10 polyhydroxyalkyl; and subscripts a to l independently range from 0 to 10; and

- (b) exposing said target tissues with the light of wavelength between 300 and 950 nm with sufficient power and fluence rate to perform the phototherapeutic procedure.